



MIT.8924

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICANT:** Sarpeshkar et al. **GROUP:** Unknown  
**SERIAL NO:** 10/625,360 **EXAMINER:** Unknown  
**FILED:** July 23, 2003  
**FOR:** SYSTEM AND METHOD FOR DISTRIBUTED  
GAIN CONTROL

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

In compliance with 37 CFR §§1.56, 1.97, and 1.98, Applicant submits  
copies of the documents listed on the attached Form PTO-1449.

The Commissioner is authorized to charge Deposit Order Account No. 19-  
0079 for any further fee that is required.

Respectfully submitted,

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Meghan H. Carr

10/16/2003  
Date

FORM PTO-1449 SAMUELS, GAUTHIER & STEVENS  
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ATTORNEY DOCKET NO.  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AI						

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
/DF/	AJ	Sarpeshkar et al., "A Low-Power Wide-Dynamic-Range Analog VLSI Cochlea," <i>Analog Integrated Circuits and Signal Processing</i> , Vol. 16, (1998): 245-274.
/DF/	AK	Sarpeshkar, R., "Traveling Waves Versus Bandpass Filters: The Silicon and Biological Cochlea," submitted to <i>World Scientific</i> , (December 10, 1999).
/DF/	AL	Lyon, R.F., "Filter Cascades As Analogs of the Cochlea," <i>Analog Integrated Circuits and Signal Processing</i> , Vol. 12, (1997): 9-17.
/DF/	AM	Stone et al., "Comparison of different forms of compression using wearable digital hearing aids," <i>Acoustical Society of America</i> , Vol. 106(6), (December 1999): 3603-3619.
/DF/	AN	Wang et al., "A Low Power Analog Front-end Module for Cochlear Implants," 970302/746674/C/724 1997

EXAMINER /Devona Faulk/

DATE CONSIDERED 07/13/2007